



NEWS RELEASE

For immediate release:

Hardy Now Offering Safe, Easy Weighing Solutions for Hazardous Areas

SAN DIEGO, CA, April 4, 2018 – Hardy Process Solutions (www.hardysolutions.com) now offers certified weighing components for use in classified Hazardous Areas. Hardy's scales, load cells and junction boxes meet common national and local safety standards with appropriate levels of certified protection for different application environments such as Class I / Division 1 and Class II / Division 1.*

Intrinsic safety (IS) is a protection technique for safe operation of electrical equipment in hazardous areas by limiting electrical and thermal energy available for ignition to safe levels. Hazardous (classified) locations might exist in any manufacturing location with vapors, dust or flyings, but are common in large bakeries (flour), plastics manufacturing plants (vapors or dust), chemical plants (vapors), paint-finishing locations (vapors), and grain silos (dust or flyings), to name just a few.

Hardy recommends using intrinsically safe low-energy components in hazardous areas (including load cells, scales, and summing boxes) and limit power and current to them through intrinsic barriers that prevent energy from crossing over from the safe area. Hardy products for Hazardous Areas include:

- A large number of Intrinsically Safe load cells, including OneMount™, high-capacity rocker beams, compression load cells, tension load cells and single points
- Junction boxes with Class I, Div. 1, IECex, and ATEX certifications
- Hardy Floor Scales, Lift Deck Floor Scales and Bench Scales

Weightless Calibration & Integrated Diagnostics Ideal for Safety in Hazardous Areas

Hardy Weight Processors, Weight & Rate Controllers and Plug-In Weight Modules use proprietary technologies that have great value for hazardous area applications and confined spaces. The Hardy Process Toolbox is a unique set of productivity tools that support industrial weighing functions. Each tool saves time, increases accuracy, improves efficiency or reduces risk in process weighing applications.

A key benefit of Hardy's Process Toolbox for Hazardous Areas is that calibration and diagnostics of weighing functions can take place in a safe area. Hardy C2® Electronic Calibration allows quick and easy calibration of a weighing system from the safe area. This reduces the risks of bringing test weights into the hazardous area, making it safer for operators with less risk of contamination. Likewise, Integrated Technician® performs system diagnostics and helps operators troubleshoot their weighing system from the front panel of the weighing instrument or via the PLC.

Copies of certifications are available in PDF format for download on the company website. For more information, visit <http://www.hardysolutions.com/products/weighing-in-hazardous-areas>



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* In North America, **National Fire Protection Association (NFPA)** Publication 70, National Electric Code® (NEC) in Articles 500 to 506. Internationally, the **IECEX** certification scheme is regulated by the International Electrotechnical Commission (IEC). IECEx 02 IEC System for Certification to Standards relating to equipment for use in Explosive Atmospheres (IECEX System). **ATEX Certification** is the national certification standard of the European Union, and mandatory to operate equipment in explosive atmospheres in Europe.

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About Hardy Process Solutions (A Roper Technologies Company)

Now in its Centennial year, Hardy Process Solutions has established itself as an industry leader in the weighing automation world by providing highly accurate precision measurements, while seamlessly integrating process weight signals into a plant control system. At Hardy, we believe that industrial weighing solutions should be EASY to engineer and operate. We believe that simplicity delivers the LOWEST TOTAL COST to own. That's why our solutions are EASIER to install, integrate, commission, diagnose and maintain in all four areas of the supply chain.

1. STOCK - accurate weight and level measurement/monitoring
2. MAKE - adaptable weight & rate material feed measurement/control
3. PACK - for robust rate & weight feed measurement/control
4. SHIP - off-the-shelf static and dynamic check weighing solutions

Want more productivity at the least total cost to own? Call Hardy to discover how Today! Visit the Hardy Process Solutions website at www.hardysolutions.com, phone 858-278-2900 or email hardyinfo@hardysolutions.com.

About Roper Technologies

Roper Technologies is a constituent of the S&P 500, Fortune 1000, and the Russell 1000 indices. Roper designs and develops software (both software-as-a-service and licensed), and engineered products and solutions for healthcare, transportation, food, energy, water, education and other niche markets worldwide. Additional information about Roper is available on the Company's website at www.ropertech.com



For Tanks, Vessels, Mixers or Reactors, a Typical Weighing System

Configuration for a Hazardous Area: Use Intrinsically Safe Barriers to prevent energy and current from instruments in the safe area from crossing over to low energy equipment in the hazardous area.

